

# Basic Guide for Selection of Retroreflective ASTM Sheetings on State Highway Signs

Category	Color Combo	Glass Bead		Microprismatic				Protective Film	
		Warm	Hot	Very Hot				Clear	
		Type II	Type III	Type IV	Type VII	Type VIII	Type IX	Standard	Premium
Guide	<b>WHITE ON GREEN</b>	DNU	NR	RS, OH	RS, OH	RS, OH	RS, OH	NR	X
Guide	<b>WHITE ON BLUE</b>	RS	RS	NR	NR	NR	NR	NR	X
Guide	<b>WHITE ON BROWN</b>	RS	RS	NR	NR	NR	NR	NR	X
Warning	<b>BLACK ON YELLOW</b>	DNU	RS	RS, OH	RS, OH	RS, OH	RS, OH	NR	X
Warning	<b>(1) BLACK ON FYG</b>	DNU / NA	RS / NA	RS	RS / NA	RS	RS	NR	X
Temporary	<b>BLACK ON ORANGE</b>	DNU	RS	RS	RS	RS	RS	X	X
Temporary	<b>(2) BLACK ON FRO</b>	DNU / NA	RS / NA	RS	RS	RS	RS / NA	X	X
Regulatory	<b>BLACK ON WHITE</b>	DNU	RS	RS, OH	RS, OH	RS, OH	RS, OH	X	X
Regulatory	<b>WHITE ON RED</b>	DNU	DNU	RS	RS	RS	RS	NR	X
Regulatory	<b>(3) RED ON WHITE</b>	RS	NR	NR	NR	NR	NR	X	NR
Regulatory	<b>(3) GREEN ON WHITE</b>	RS	NR	NR	NR	NR	NR	X	NR
Other	<b>(4) NON-TCO SIGNS</b>	RS	NR	NR	NR	NR	NR	X	NR

## LEGEND:

**RS** = OK on roadside signs  
**OH** = OK on overhead signs  
**DNU** = Do Not Use  
**NR** = No Recommendation  
**NA** = Not Available  
**FYG** = Fluorescent Yellow Green  
**FRO** = Fluorescent Orange or Fluorescent Red Orange

## FOOTNOTES:

(1) Optional for school zones and pedestrian crossings.  
 (2) Optional -- Fluorescent orange is a color that appears brighter in daylight and twilight.  
 (3) Parking type signs.  
 (4) E.G., Adopt-A-Highway, Click It Or Ticket, Report Drunk Drivers, etc.

## NOTES:

1. Glass bead white sheeting looks grayish in daylight.  
 2. Use same "Type" for legend & background on same sign.  
 3. Black is non-reflective and does not have an ASTM designation.